|  | Index of Claims |          |  |                             |             |           |              |       |           |              |                              |              |          | Application/Control No. |            |           |           |          |                     |              |           |           | Applicant(s)/Patent under Reexamination |             |                 |           |           |           |           |        |          |          |               |   |  |  |
|--|-----------------|----------|--|-----------------------------|-------------|-----------|--------------|-------|-----------|--------------|------------------------------|--------------|----------|-------------------------|------------|-----------|-----------|----------|---------------------|--------------|-----------|-----------|---|-------------|-----------------|-----------|-----------|-----------|-----------|--------|----------|----------|---------------|---|--|--|
|  |                 |          |  |                             |             |           |              |       |           |              |                              |              |          | ١,                      | 10/724,773 |           |           |          |                     |              |           |           |   |             | 1               |           |           |           |           |        |          |          |               |   |  |  |
|  |                 |          |  |                             |             |           |              |       |           |              |                              |              |          |                         | Examiner   |           |           |          |                     |              |           | -         | ZHU, YINJUN<br>Art Unit                 |             |                 |           |           |           |           |        |          |          |               |   |  |  |
| E CECTURA CERTA ENTRE L'ARTIN CONTRA DI PARTA L'ARTIN AL L'ARTIN DE L'ARTIN DE L'ARTIN DE L'ARTIN DE L'ARTIN D |                 |          |  |                             |             |           |              |       |           |              |                              |              |          | Julie E. Stein, Esq.    |            |           |           |          |                     |              | 1         | 500 DC 17 |   |             |                 |           | ,         |           |           |        |          |          |               |   |  |  |
|  |                 |          |  |                             |             |           |              |       |           |              |                              |              |          | _                       | To         | unc       | <u> </u>  | <u> </u> | CIII                | , [[         | <u>4.</u> | _         | 2615 2617                               |             |                 |           |           |           |           |        |          |          |               |   |  |  |
|  | √ Rejected — (M |          |  |                             |             |           |              |       |           |              | hrough numeral)<br>Cancelled |              |          |                         |            | ] N 1     |           |          | Non-Elected         |              |           |           | A                                       |             | Appeal          |           |           |           |           |        | •        |          |               |   |  |  |
|  | = Allowed       |          |  |                             |             |           | ŀ            | •     | _         | R            | Restricted                   |              |          |                         |            | 1 Interfe |           |          | rer                 | ıce          |           | 0         | Objected                                |             |                 |           |           | •         |           |        |          |          |               |   |  |  |
| -  | Claim Date      |          |  |                             |             |           |              | _     |           |              | Claim                        |              |          |                         |            | Date      |           |          | Ci                  |              |           | aim       | Γ-                                      | Date        |                 |           |           |           | _         | $\neg$ |          |          |               |   |  |  |
|  | ĮĘ.             | la.      | 95   | 8                           | À           |           |              | T     | T         | Τ            |                              |              | 19       |                         |            | Г         |           | T        | Т                   | 1            | Τ         | 1         | _                                       | ıaı         | П               |           | П         | ٦         |           |        |          |          |               |   |  |  |
|  | Final           |          | 8/26/05  | 4-12                        | X-8-0       |           |              |       |           |              |                              | Final        | Original | - 1                     |            | L         |           |          |                     |              |           |           | Final                                   | . Original  |                 |           |           |           |           |        |          |          |               |   |  |  |
|  |                 | 1 2      | 1  | $\stackrel{L}{\rightarrow}$ | X           | +         | +            | +     | +         | +            | ┨                            | <u> </u>     | 52       |                         | ╁          | ╀         | Н         | 4        | +                   | ╬            | +         | ┨,        | _                                       | 101<br>102  | Н               | $\dashv$  | $\exists$ | $\dashv$  | $\dashv$  | _      |          |          |               |   |  |  |
|  |                 | 3        | I  | Ш                           | $\sharp$    | #         | 士            | 士     | 士         | 1            | _                            |              | 5        | 1                       | 土          | 上         |           |          | 1                   | 土            | 上         |           |   | 103         |                 | $\exists$ | _         | ┪         | $\dashv$  | _      | Н        | Н        | ┨             |   |  |  |
|  |                 | 5        | H  | Ш                           | ₩           | ╬         | ╬            | +     | +         | +            | 4                            | <u> </u>     | 54       | !                       | +          | ╀         | Н         | 4        | +                   | +            | +         | {         |   | 104<br>105  | Н               | $\dashv$  | $\dashv$  | $\exists$ | $\exists$ |        |          |          | $\exists$     |   |  |  |
|  |                 | 6        |  | Ш                           | $\parallel$ | #         | $^{\pm}$     | #     | 1         | 1            | _                            |              | 50       | 3                       | 土          | 上         |           | _        | 士                   | 1            |           | 1         |   | 106         |                 |           |           | 1         | $\exists$ |        | Н        | Н        | $\dashv$      |   |  |  |
|  |                 | 7        | $\!$ | Н                           | ╢           | +         | +            | +     | +         | +            | 4                            |              | 5        |                         | Ŧ          | H         | Н         | $\dashv$ | 4                   | 1            | +         | 7         |   | 107<br>108  | П               | 4         | 7         | $\exists$ | $\Box$    |        |          | $\Box$   | $\Box$        |   |  |  |
|  |                 | ø        | 17   | V                           | M           | _         | $\pm$        | $\pm$ | 1         | 1            | _                            |              | 59       | 1                       | +          | +         | Н         | $\dashv$ | +                   | ╫            | +         | 1         | -                                       | 109         | H               | ᅥ         | +         | ┥         | $\dashv$  | _      | Н        | Н        | $\dashv$      |   |  |  |
|  |                 | 10<br>11 | ¥  | V                           | V           | 4         | $\bot$       | 4     | 1         | Ţ            | 7                            |              | 60       |                         | Ţ          | Ţ         | П         | $\dashv$ | 1                   | Ţ            | T         | 1         |   | 110         |                 | $\exists$ | コ         |           | $\exists$ |        |          |          | $\sqsupset$   |   |  |  |
|  |                 | 12       |  | Н                           | +           | ╅         | +            | +     | +         | +            | -                            | -            | 6        |                         | ╁          | ╁         | Н         | +        | +                   | ╁            | ╁         | 1         | -                                       | 111         | Н               | -         | $\dashv$  | $\dashv$  | $\dashv$  | _      | Н        | _        | ╌┨            |   |  |  |
|  |                 | 13<br>14 |  |                             | $\Box$      | $\exists$ | Ŧ            | 4     | Ŧ         | Ţ            | 7                            |              | 6        |                         | T          | F         | П         | $\Box$   | Į                   | I            | 1         | 1         |   | 113         |                 |           | $\exists$ | コ         |           |        |          |          | $\sqsupset$   |   |  |  |
| •  |                 | 15       | -  | Н                           | $\dashv$    | +         | +            | +     | +         | ╅            | -                            | ┢            | 6        |                         | ╁          | ╁╴        | Н         | $\dashv$ | +                   | +            | ╁         | ┨         | <del></del>                             | 114<br>1,15 | ╢               | $\dashv$  | +         | ┥         | $\dashv$  |        | Н        | Н        | $\dashv$      |   |  |  |
|  |                 | 16       |  |                             | $\Box$      | 1         | 7            | 1     | 1         | 1            | ╡ .                          | 二            | 6        | 3                       | 1          | L         | П         | $\Box$   | #                   | #            | 丰         | 1         |   | 116         |                 |           | 1         | ⇉         |           |        |          |          |               |   |  |  |
|  |                 | 17<br>18 | H  | Н                           | $\dashv$    | +         | +            | ╁     | +         | ╁            | ┨                            | ┝            | 6        |                         | ╀          | ╀         | Н         | $\dashv$ | +                   | ┿            | ┿         | ┨         |   | 117<br>118  | $\vdash \vdash$ | $\dashv$  | $\dashv$  | 4         | 4         | _      | Н        |          | $\dashv$      |   |  |  |
|  |                 | 19       |  |                             | $\Box$      | コ         | #            | 1     | 丰         | $\downarrow$ | ゴ                            |              | 6        | ī                       | 丰          | İ         |           | $\Box$   | コ                   | 1            | 上         | 1         |   | 119         |                 |           | コ         |           |           |        |          |          | ╛             |   |  |  |
|  |                 | 20<br>21 | -  | Н                           | $\dashv$    | +         | ╁            | ┿     | +         | ╬            | ┨                            | ⊢            | 70       |                         | ┿          | ╀         | Н         | +        | +                   | +            | +-        | ┨         | <del> </del>                            | 120<br>121  | $\vdash$        | -         | $\dashv$  | 4         | $\dashv$  |        | Н        |          | Н             |   |  |  |
|  |                 | 22       |  |                             |             | 士         | 土            | $\pm$ | 士         | 土            | ╛                            |              | 7:       | 2                       | 土          | 上         |           |          | 士                   | 土            | 士         | 1         |   | 122         |                 |           | _         |           |           |        |          |          | $\dashv$      |   |  |  |
|  |                 | 23<br>24 | _  | Н                           | +           | +         | +            | +     | +         | +            | 4                            | <u> </u>     | 7;<br>7, |                         | +          | ╀         | Н         | 4        | 4                   | 1            | $\bot$    | -         |   | 123<br>124  | П               | $\Box$    | $\dashv$  | $\Box$    | $\Box$    |        |          |          |               |   |  |  |
|  |                 | 25       |  |                             | $\pm$       | 1         | 1            | +     | +         | $\dagger$    | 1                            |              | 7        |                         | $\dagger$  | T         | Н         | $\dashv$ | +                   | +            | +         | 1         | _                                       | 125         | Н               |           | $\dashv$  | ┥         | -         | _      | Н        | Н        | $\dashv$      |   |  |  |
|  |                 | 26<br>27 |  |                             | $\neg$      | 4         | $\downarrow$ | 7     | 4         | 7            | 7                            |              | 70       |                         | Ŧ          | F         |           | $\Box$   | 7                   | Ŧ            | Ŧ         | ]         |   | 126         | П               |           | $\Box$    | $\Box$    |           |        |          |          |               |   |  |  |
|  |                 | 28       | H  | Н                           | $\dashv$    | +         | +            | +     | +         | +            | ┨                            | -            | 7        |                         | ╁          | ╁         | Н         | $\dashv$ | +                   | +            | ┿         | ┨         | H                                       | 127<br>128  | Н               | $\dashv$  | $\dashv$  | ┥         | $\dashv$  | -      |          | Н        | $\dashv$      |   |  |  |
|  |                 | 29       |  |                             | $\dashv$    | 7         | 7            | Ţ     | 7         | $\downarrow$ | 7                            |              | 7        | 1                       | Ţ          | F         | П         | $\Box$   |                     | I            | I         | 1         |   | 129         | П               | $\Box$    | $\dashv$  |           | $\Box$    |        |          |          |               |   |  |  |
|  |                 | 30<br>31 | Н  | Н                           | +           | +         | ╅            | +     | +         | ╅            | -                            | $\vdash$     | 8        |                         | ╁╴         | ╁         | Н         | +        | +                   | ┿            | +         | ┨         | -                                       | 130         | Н               | ┥         | $\dashv$  | ┥         |           | -      | Н        | Н        | $\dashv$      |   |  |  |
|  |                 | 32       |  | П                           | $\Box$      | $\exists$ | 1            | Ţ     | 1         | 1            | 7                            |              | 8        |                         | T          |           | П         | コ        | $\Box$              | 1            | 工         | 1         |   | 132         |                 |           |           |           |           |        |          |          |               |   |  |  |
|  |                 | 33<br>34 | H  | Н                           | $\dashv$    | +         | +            | ╁     | ╁         | ╁            | -                            | <u> </u>     | 8        |                         | ╁          | ╁╌        | Н         | -        | +                   | +            | +         | 1         |   | 133<br>134  | Н               |           | $\dashv$  | 4         | $\dashv$  | _      | -        | Н        | Н             |   |  |  |
|  |                 | 35       |  |                             |             | 1         | 丁            | 1     | 丰         | 丰            | ]                            |              | 8        | 5                       | 1          | I         |           |          |                     | 土            |           | 1         |   | 135         |                 |           |           |           |           |        |          |          |               |   |  |  |
|  |                 | 36<br>37 | -  | Н                           | +           | +         | +            | +     | ╁         | +            | 4                            | <del> </del> | 8        |                         | ╀          | ╀         | Н         | $\dashv$ | +                   | +            | +         | 4         | <u> </u>                                | 136<br>137  | Н               | _         | $\dashv$  | 4         | $\dashv$  |        |          |          | $\exists$     |   |  |  |
|  |                 | 38       |  |                             | $\pm$       |           | $\pm$        | $\pm$ | $\pm$     | 1            | 1                            |              | 8        |                         | 土          | L         |           |          | $\pm$               | $^{\dagger}$ | $\pm$     | 1         |   | 138         |                 |           | +         | ٦         |           |        |          | Н        | Н             |   |  |  |
|  |                 | 39<br>40 |  | Н                           | 4           | +         | +            | +     | +         | +            | 4                            |              | 9        |                         | $\perp$    | Ļ         | Н         | 4        | $\dashv$            | Ŧ            | Ŧ         | -         |   | 139         | П               |           | $\Box$    |           | $\Box$    |        |          |          |               |   |  |  |
|  |                 | 41       |  |                             | 1           | 1         | $\dagger$    | +     | $\dagger$ | $\dagger$    | 7                            | ┢            | 8        |                         | +          | t         | H         | $\dashv$ | +                   | +            | ╁         | 1         | ┢                                       | 141         | Н               | -         | $\dashv$  | ᅥ         | $\dashv$  |        | Н        | Н        | Н             |   |  |  |
|  |                 | 42       | _  |                             | $\dashv$    | 4         | 4            | 4     | 4         | Ŧ            | 7                            | 匚            | 9        |                         | T          | F         | П         | $\dashv$ | 1                   | 7            | Ŧ         | 1         |   | 142         |                 |           | $\Box$    |           |           |        |          |          |               |   |  |  |
|  |                 | 43<br>44 | t  | H                           | _           | +         | $\pm$        | +     | +         | +            | $\exists$                    |              | 9        |                         | +          | $\vdash$  | $\forall$ | +        | +                   | +            | +         | 1         | <u> </u>                                | 143         | Н               | $\dashv$  | $\dashv$  | 4         | Н         | H      | $\vdash$ | Н        | ${\mathbb H}$ | ı |  |  |
|  |                 | 45       |  | 口                           | $\Box$      | 7         | 7            | 7     | 7         | Ţ            | 7                            |              | 9        |                         | Ŧ          | F         | П         | $\Box$   | $\dashv$            | #            | T         | 1         |   | 145         | 口               | $\Box$    | $\Box$    |           | 口         |        |          |          |               | ı |  |  |
|  |                 | 46<br>47 | +  | $\vdash$                    | +           | +         | +            | +     | ╁         | 十            | $\dashv$                     | $\vdash$     | 9        |                         | +          | ╁         | H         | $\dashv$ | $\dashv$            | ╁            | +         | ┨         | -                                       | 146<br>147  | Н               | 4         | $\dashv$  | 4         | H         |        | $\vdash$ | $\vdash$ | H             | ı |  |  |
|  |                 | 48       |  | 口                           | $\Box$      | 7         | 7            | 7     | 7         | 7            |                              |              | 9        | 3                       | 1          | T         | $\Box$    |          | $\rightrightarrows$ | #            | I         | 1         |   | 148         | 口               |           | $\Box$    |           | 口         |        |          |          | 口             | i |  |  |
|  |                 | 49<br>50 |  | H                           | _           | +         | ╁            | +     | ╁         | +            | 4                            | $\vdash$     | 10       |                         | +          | +         | Н         | -        | +                   | +            | +-        | ┨         | i –                                     | 149<br>150  | Н               | 닉         | $\dashv$  | -         | $\dashv$  | _      | $\vdash$ | $\vdash$ | Н             |   |  |  |
|  |                 |          | _  |                             |             | _         | _            | _     | _         | _            | _                            | _            | •        | _                       |            | _         |           | _        | _                   |              | _         | -         |   |             |                 |           |           |           | _         | _      |          | _        |               | J |  |  |

Application/Control No.